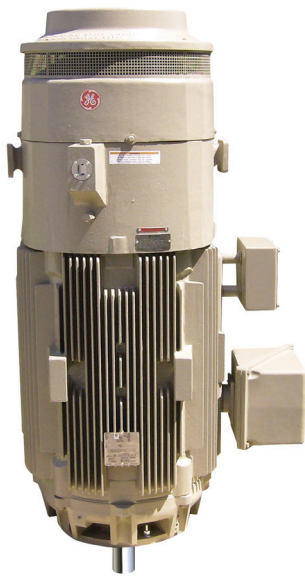


GE
Power Conversion

X\$D Ultra™ 841 VSS

Vertical Solid Shaft Inline Motors
Vertical Solid Shaft High Thrust Motors
TEFC - IEEE 841
NEMA Premium



Expect more.



imagination at work



X\$D Ultra 841 VSS- Setting the standard for reliability

Product Range	
Horsepower	3-150 HP (Available up to 600 HP for custom orders)
Pole Size	2, 4, 6
Speed	3600, 1800, 1200
Voltage	460
Thrust Type	Inline Pump(LP) and High Thrust(VP)
Protection	IP56
Division 2 Rating	Meets T3 with 200°C Auto Ignition Temperature (AIT) per IEEE 841
Frame Size	180-449
Construction	All Cast Iron
Insulation	GEGARD 2400, Class F, Inverter Duty
Bearings	Meets L-10 at 26,800 hrs
Warranty	36 month operation / 42 month manufacture



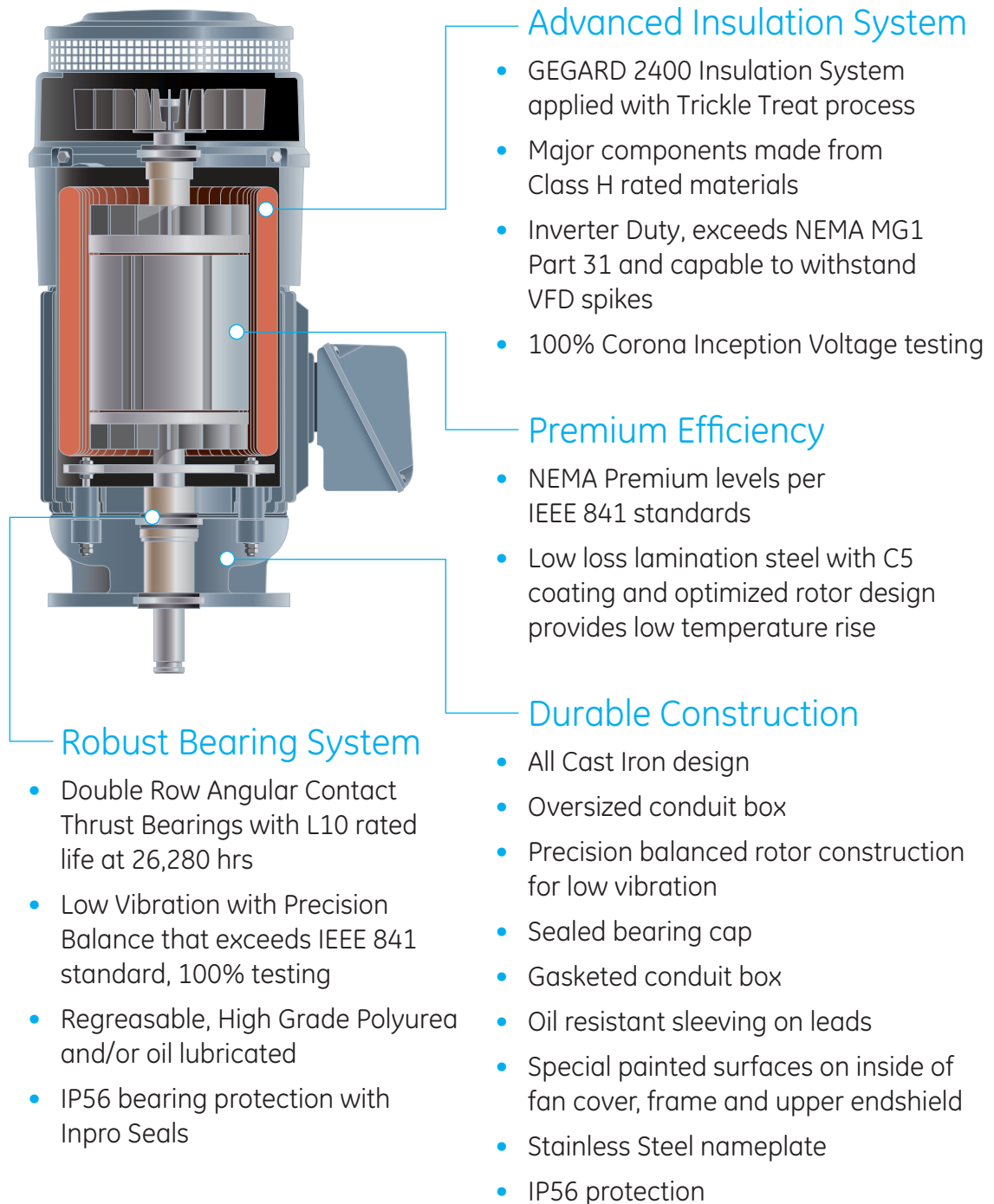
GE's X\$D Ultra 841 VSS Series motors are designed and built to operate under extreme and harsh conditions in industries including petrochemical, pulp and papermills, waste-water treatment and material processing.



Operating in pump applications that include In-line, Booster, Centrifugal, Non-Clog, and Vertical Turbine, X\$D Ultra 841 VSS motors meet these tough industry demands. The X\$D Ultra 841 VSS family provides significant benefits to end users that include:

- **Longer Bearing Life** – Advanced bearing system provides for longer bearing life under thrust loads; Inpro Seals minimize contamination to assure long life and minimum maintenance
- **Extended Reliability** – GE's robust GEGARD 2400 patented insulation system, applied through trickle treat processing with Class H components, assures extended reliability and is capable of withstanding VFD spikes and exceeding NEMA MG1 Part 31.
- **Low Total Cost of Ownership** – NEMA Premium Efficiency levels to lower annual energy cost and extend motor life without sacrificing NEMA B performance.

Reliability - Designed in.



X\$D Ultra 841 VSS Series

Vertical Solid Shaft InLine Motors
TEFC - IEEE 841
NEMA Premium

Volts: 460
HP: 3-150

HP	RPM	NEMA Frame	FLA @ NP	Full Load Nom. Eff.	Cat. No.	Norm. Stk.	WT	L10 Down Thrust (lbs) @ 26,280 Hrs	C Dim.
3	3600	L182LP10	3.8	88.5	V768	Y	76	703	18.18
3	1800	L182LP10	4.2	89.5	V780	Y	76	1207	18.18
5	3600	L184LP10	6.1	90.2	V769	Y	101	698	18.18
5	1800	L184LP10	6.6	89.5	V781	Y	101	1200	18.18
7.5	3600	L213LP10	8.4	91	V770	Y	200	589	22.34
7.5	1800	L213LP10	9.2	91.7	V782	Y	200	1421	22.34
10	3600	L215LP10	11.2	91	V771	Y	220	586	22.34
10	1800	L215LP10	12.2	91.7	V783	Y	220	1415	22.34
15	3600	L254LP10	16.8	91.7	V772	Y	315	727	27.33
15	1800	L254LP10	18.6	92.4	V784	Y	315	780	27.33
20	3600	L256LP10	22.6	91	V773	Y	350	714	27.33
20	1800	L256LP10	23.7	93	V785	Y	350	750	27.33
25	3600	L284LP10	27.2	93	V774	Y	460	891	31.66
25	1800	L284LP10	29.1	93.6	V786	Y	460	890	31.66
30	3600	L286LP10	32.5	93	V775	Y	510	877	31.66
30	1800	L286LP10	34.7	93.6	V787	Y	510	870	31.66
40	3600	L324LP16	46.6	92.4	V776	Y	670	1335	41.07
40	1800	L324LP16	49.4	94.1	V788	Y	700	1680	41.07
50	3600	L326LP16	57.5	93	V777	Y	680	1328	41.07
50	1800	L326LP16	61.9	94.5	V789	Y	740	1650	41.07
60	3600	L364LP16	67.8	93.6	V778	Y	1000	2900	45.38
60	1800	L364LP16	73	95	V790	Y	1050	3250	45.38
75	3600	L365LP16	84.7	93.6	V779	Y	1010	2895	45.38
75	1800	L365LP16	92	95.4	V791	Y	1070	3200	45.38
100	3600	L405LP16	109	93	V872	Y	1480	2500	51.06
100	1800	L405LP16	112	95	V871	Y	1540	3050	51.06
125	3600	L444LP16	135	93	V876	N	1990	2570	58.04
125	1800	L444LP16	138	95	V869	N	1990	3200	58.04
150	3600	L445LP16	160	93.6	V877	N	1990	2570	58.04
150	1800	L445LP16	173	95.8	V870	N	2020	3200	58.04

Vertical Solid Shaft High Thrust
TEFC - IEEE 841
NEMA Premium

Volts: 460
HP: 3-150

HP	RPM	NEMA Frame	FLA @ NP	Full Load Nom. Eff.	Cat. No.	Norm. Stk.	WT	L10 Down Thrust (lbs) @ 26,280 Hrs	C Dim.
3	3600	L182VP10	3.8	88.5	V854	N	76	960	18.17
3	1800	L182VP10	4	89.5	V868	N	76	1206	18.17
5	3600	L184VP10	6.1	90.2	V853	N	101	955	18.17
5	1800	L184VP10	6.6	89.5	V867	N	101	1206	18.17
7.5	3600	L213VP10	8.4	91	V855	N	200	1137	22.34
7.5	1800	L213VP10	9.2	91.7	V866	N	200	1421	22.34
10	3600	L215VP10	11.2	91	V856	N	220	1134	22.34
10	1800	L215VP10	12.2	91.7	V865	N	220	1415	22.34
15	3600	L254VP10	16.8	91.7	V857	N	315	1402	27.33
15	1800	L254VP10	18.6	92.4	V864	N	315	1778	27.33
20	3600	L256VP10	22.6	91	V858	N	350	1389	27.33
20	1800	L256VP10	23.7	93	V863	N	350	1743	27.33
25	3600	L284VP10	27.1	93	V859	N	460	1611	29.92
25	1800	L284VP10	29.1	93.6	V862	N	460	2028	29.92
30	3600	L286VP10	32.5	93	V860	N	510	1604	29.92
30	1800	L286VP10	34.7	93.6	V861	N	510	2011	29.92
40	3600	L324VP16	46.6	92.4	V873	N	680	2000	41.07
40	1800	L324VP16	51	94.1	V879	N	700	2450	41.07
50	3600	L326VP16	68.2	93	V875	N	680	2000	41.07
50	1800	L326VP16	64.3	94.5	V880	N	740	2450	41.07
60	3600	L364VP16	68.2	93	V874	N	1010	2550	45.38
60	1800	L364VP16	74.4	95	V878	N	1050	3150	45.38
75	3600	L365VP16	84.7	93.6	V792	Y	1010	2896	45.38
75	1800	L365VP16	92	95.4	V796	Y	1070	3200	45.38
100	3600	L405VP16	108	93.6	V793	Y	1480	2501	51.06
100	1800	L405VP16	111	95.4	V797	Y	1540	3068	51.06
125	3600	L444VP16	135	93	V794	Y	1990	1482	58.04
125	1800	L444VP16	138	95	V798	Y	2050	4029	58.04
150	3600	L445VP16	160	93.6	V795	Y	1990	1482	58.04
150	1800	L445VP16	178	95.8	V799	Y	2020	6000	58.04

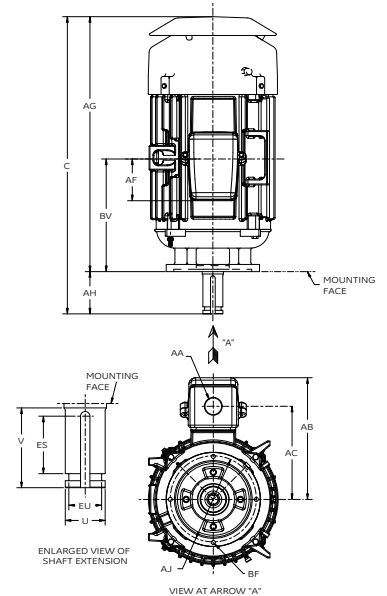
182 - 286 Frame

Inline Pump

Frame	Shaft Extension				Dimensions in Inches									
	ES Min	EU	U	V Min	C	AG	AH	BV	AF	AA	AB	AC	AJ	BF
L182/L184LP	1.28	0.8725	1.125	2.75	18.17	15.42	2.75	6.50	2.89	1 - NPT	8.76	6.68	9.125	0.438
L213/L215LP	1.28	1.25	1.625	2.75	22.34	19.59	2.75	8.59	2.89	1 - NPT	9.53	7.42	9.125	0.438
L254/L256LP	1.28	1.25	1.625	2.75	27.33	24.58	2.75	10.75	3.69	1.25 - NPT	12.15	9.12	9.125	0.438
L284/L286LP	3.03	1.75	2.125	4.25	31.66	27.16	4.50	12.00	4.59	1.5 - NPT	12.91	9.88	9.125	0.438

High Thrust

Frame	Shaft				Dimensions in Inches									
	ES Min	EU	U	V Min	C	AG	AH	BV	AF	AA	AB	AC	AJ	BF
L182/L184VP	1.28	0.875	1.125	2.75	18.17	15.42	2.75	6.50	2.89	1 - NPT	8.76	6.88	9.125	0.438
L213/L215VP	1.28	0.875	1.125	2.75	22.34	19.59	2.75	8.59	3.5	1 - NPT	9.53	7.42	9.125	0.438
L254/L256VP	1.28	0.875	1.125	2.75	27.33	24.58	2.75	10.75	4.59	1.25 - NPT	12.15	9.12	9.125	0.438
L284/L286VP	1.28	0.875	1.125	2.75	29.92	27.16	2.75	12.00	4.59	1.5 - NPT	12.91	9.88	9.125	0.438



324 - 445 Frame

Inline Pump

Frame	Shaft Extension				Dimensions in Inches									
	ES Min	EU	U	V Min	C	AG	AH	BV	AF	AA	AB	AC	AJ	BF
L324/L326LP	3.03	1.75	2.125	4.25	41.07	36.57	4.50	13.75	6.47	3 - NPT	15.36	11.63	14.75	0.69
L364/L365LP	3.03	1.75	2.125	4.5	45.38	40.88	4.50	14.34	6.47	3 - NPT	16.72	12.99	14.75	0.69
L405LP	3.03	1.75	2.125	4.5	51.06	46.56	4.50	16.69	7.00	3 - NPT	19.47	15.36	14.75	0.69
L444/L445LP	3.03	1.75	2.125	4.5	58.04	53.54	4.50	17.50	7.00	3 - NPT	20.94	16.68	14.75	0.69

High Thrust

Frame	Shaft				Dimensions in Inches									
	ES Min	EU	U	V Min	C	AG	AH	BV	AF	AA	AB	AC	AJ	BF
L324/L326VP	3.03	1.25	1.625	4.25	41.07	36.57	4.50	13.75	6.47	3 - NPT	15.36	11.63	14.75	0.69
L364/L365VP	3.03	1.25	1.625	4.5	45.38	40.88	4.50	14.34	6.47	3 - NPT	16.72	12.99	14.75	0.69
L405VP	3.03	1.25	1.625	4.5	51.06	46.56	4.50	16.69	7.00	3 - NPT	19.47	15.36	14.75	0.69
L444/L445VP	3.03	1.75	2.125	4.5	58.04	53.54	4.50	17.50	7.00	3 - NPT	20.94	16.68	14.75	0.69

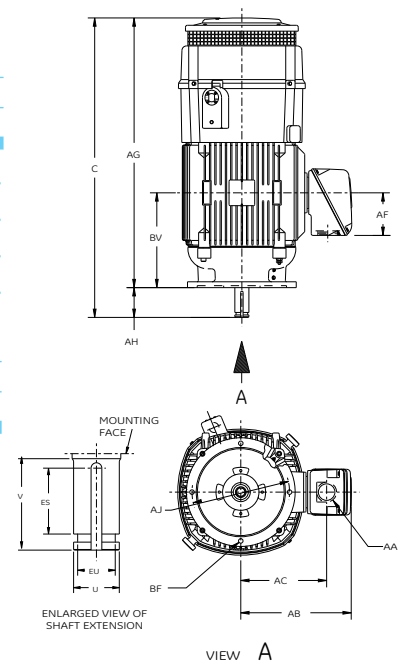
Note

Tolerances:

AH: +/- 0.010"

U: + 0.000" ; - 0.005"

EU: + 0.000" ; - 0.005"



MAIN OFFICES

Australia, Botany
Tel: +61 (0) 2 8313 9980

Brazil, São Paulo
Tel: +55 11 3614 1930

Canada, Mississauga
Tel: + 1 905 858 5100

Chile, Santiago
Tel: + 56 2 652 6500

China, Shanghai
Tel: +86 21 6414 6080

France, Massy Cedex
Tel: +33 1 77 31 20 00

Germany, Berlin
Tel: +49 30 7622 0

India, Chennai
Tel: +91 44 4968 0000

Japan, Tokyo
Tel: +81 3 5544 3852

Russia, Moscow
Tel: +7 495 981 13 13

Singapore
Tel: +65 6332 0940

South Africa, Midrand
Tel: +2711237 0000

South Korea, Busan
Tel: +82 51 710 9015

UAE, Dubai
Tel: +971 44296161

UK, Rugby
Tel: +44 1788 563 563

USA, Fort Wayne
Tel: +1 800 541 7191



imagination at work

www.gepowerconversion.com

X\$D Ultra is a Trademark of General Electric Company
Copyright © 2013 General Electric Company and/or its affiliates. All rights reserved.
GEA30829 X\$D Ultra 841 VSS